

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002576

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01S1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01S H01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 219 376 B1 (PRASOLOV VICTOR A ET AL) 17 April 2001 (2001-04-17) figures 2,4 column 13, line 12 - line 19 column 14, line 19 - line 24 <del>column 14, line 66 - column 15, line 10</del> column 21, line 50 - line 56 -----	1,2,4,5, 7-11
X	US 5 268 927 A (DIMOS GEORGE ET AL) 7 December 1993 (1993-12-07) figure 1 column 5, line 26 - line 43 column 8, line 67 - column 9, line 19 ----- -/--	1,2,4,5, 8-11



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

11 October 2004

Date of mailing of the international search report

19/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Hekmat, T

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002576

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/175857 A1 (ABRAHAM CHARLES) 28 November 2002 (2002-11-28) figure 1 paragraph '0081! paragraph '0087!	1,2,4,5, 8-11
X	US 2003/112905 A1 (HEINZL JOHANN ET AL) 19 June 2003 (2003-06-19) figure 6 paragraph '0117! paragraph '0129!	1,2,4,5, 8-11

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/002576

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6219376	B1	17-04-2001	NONE
US 5268927	A	07-12-1993	NONE
US 2002175857	A1	28-11-2002	US 2002172266 A1 21-11-2002 WO 03077493 A1 18-09-2003 EP 1388241 A1 11-02-2004 JP 2004527763 T 09-09-2004 WO 02096054 A1 28-11-2002 US 2003072356 A1 17-04-2003 US 2003219066 A1 27-11-2003 US 2004077365 A1 22-04-2004 US 2004141549 A1 22-07-2004 US 2002172267 A1 21-11-2002 US 2002172306 A1 21-11-2002
US 2003112905	A1	19-06-2003	US 2002012411 A1 31-01-2002 AU 5325401 A 23-10-2001 WO 0177705 A2 18-10-2001